



- Abel, M.G., Lee, B.-K., Naider, F. and Becker, J.M.
Mutations affecting ligand specificity of the G-protein-coupled receptor for the *Saccharomyces cerevisiae* tridecapeptide pheromone (1448) 12
- Adachi, M., see Ohkawa, T. (1448) 416
- Agneletti, A.L., see Sorci, G. (1448) 277
- Ahn, S.-G., Jeong, S.-Y., Rhim, H. and Kim, I.-K.
The role of c-Myc and heat shock protein 70 in human hepatocarcinoma Hep3B cells during apoptosis induced by prostaglandin A_2/Δ^{12} -prostaglandin J_2 (1448) 115
- Almeida, P.F.F., see Hinderliter, A.K. (1448) 227
- Ampe, C., see Van Troys, M. (1448) 323
- Amuro, Y., see Ohkawa, T. (1448) 416
- Andersson, A., see Hultberg, B. (1448) 61
- Aplan, P.D., see Zhao, X.-F. (1448) 109
- Babcock, G.F., see King, K.L. (1448) 245
- Barracough, R.
Calcium-binding protein S100A4 in health and disease (1448) 190
- Becker, J.M., see Abel, M.G. (1448) 12
- Belogortseva, N.I., see Odintsova, N.A. (1448) 381
- Ben-Dov, N., Shefer, G., Irinichev, A., Wernig, A., Oron, U. and Halevy, O.
Low-energy laser irradiation affects satellite cell proliferation and differentiation in vitro (1448) 372
- Bianchi, R., see Sorci, G. (1448) 277
- Biltonen, R.L., see Hinderliter, A.K. (1448) 227
- Botchkarev, V.A., see Slominski, A. (1448) 147
- Botchkareva, N.V., see Slominski, A. (1448) 147
- Boulares, H., see Giardina, C. (1448) 425
- Bröer, A., see Pfeuffer, J. (1448) 27
- Bröer, S., see Pfeuffer, J. (1448) 27
- Byers, D.M., see Douglas, D.N. (1448) 439
- Camello, C., see Tapia, J.A. (1448) 486
- Campos, B., see King, K.L. (1448) 245
- Canada, R.G. and Paltoo, D.N.
Binding of terbium and cisplatin to C13* human ovarian cancer cells using time-resolved terbium luminescence (1448) 85
- Cassio, D., see Guillonnet, F. (1448) 403
- Cazals, V., Nabeyrat, E., Corroyer, S., de Keyzer, Y. and Clement, A.
Role for NF- κ B in mediating the effects of hyperoxia on IGF-binding protein 2 promoter activity in lung alveolar epithelial cells (1448) 349
- Chakraborty, A., see Slominski, A. (1448) 147
- Chan, A.K., Persad, S., Litchfield, D.W. and Wright, J.A.
Ribonucleotide reductase R2 protein is phosphorylated at serine-20 by P34^{cdc2} kinase (1448) 363
- Chevalier, S., see Guillonnet, F. (1448) 403
- Citi, S. and Cordenonsi, M.
Tight junction proteins (1448) 1
- Clement, A., see Cazals, V. (1448) 349
- Conde, R.D., see García-Mata, R. (1448) 46
- Cook, H.W., see Douglas, D.N. (1448) 439
- Cordenonsi, M., see Citi, S. (1448) 1
- Corroyer, S., see Cazals, V. (1448) 349
- Creutz, C.E., see Hinderliter, A.K. (1448) 227
- Csar, X.F., see Ward, A.C. (1448) 70
- Davis, T.N., see Zhu, G. (1448) 236
- de Keyzer, Y., see Cazals, V. (1448) 349
- Dedman, J.R., see King, K.L. (1448) 245
- Demirov, D., Sarafian, V., Kremensky, I. and Ganey, V.
Evidence for protein splicing in the endoplasmic reticulum-Golgi intermediate compartment (1448) 507
- Denizeau, F., see Reader, S. (1448) 473
- Denizot, F., see Herbaud, M.-L. (1448) 212
- Dixon, I.M.C., see Ju, H. (1448) 51
- Donato, R., see Sorci, G. (1448) 277
- Dordschbal, B., see Roos, W. (1448) 390
- Douglas, D.N., Fink, H.-S., Ridgway, N.D., Cook, H.W. and Byers, D.M.
Myristoylated alanine-rich C-kinase substrate is phosphorylated and translocated by a phorbol ester-insensitive and calcium-independent protein kinase C isoform in C6 glioma cell membranes (1448) 439
- Drechou, A., see Guillonnet, F. (1448) 403
- Durand, G., see Guillonnet, F. (1448) 403
- Ermak, A.V., see Odintsova, N.A. (1448) 381
- Farquharson, C., see Houston, B. (1448) 500
- Felici, F., see Ivanenkov, V.V. (1448) 450, 463
- Fink, H.-S., see Douglas, D.N. (1448) 439
- Flögel, U., see Pfeuffer, J. (1448) 27
- Fritz, G., Heizmann, C.W. and Kroneck, P.M.H.
Probing the structure of the human Ca^{2+} - and Zn^{2+} -binding protein S100A3: spectroscopic investigations of its transition metal ion complexes, and three-dimensional structural model (1448) 264
- Ganay, V., see Demirov, D. (1448) 507
- García, L.J., see Tapia, J.A. (1448) 486
- García-Mata, R., Conde, R.D. and Sanllorenti, P.M.
Contribution of breakdown in the regulation of mouse liver glutathione S-transferase subunits during protein depletion and re-feeding (1448) 46
- Gawler, D.J.
Points of convergence between Ca^{2+} and Ras signalling pathways (1448) 171
- Gee, R.L., see Van Ginkel, P.R. (1448) 290
- Gerke, V., see Spennberg, R. (1448) 311
- Giardina, C., Boulares, H. and Inan, M.S.
NSAIDs and butyrate sensitize a human colorectal cancer cell line to TNF- α and Fas ligation: the role of reactive oxygen species (1448) 425
- Gromadzinska, E., see Zylinska, L. (1448) 99
- Guerini, D., see Zylinska, L. (1448) 99

- Guillonneau, F., Drechou, A., Poüs, C., Chevalier, S., Lardeux, B., Casio, D. and Durand, G.
Hepatocyte differentiation of WIF-B cells includes a high capacity of interleukin-6-mediated induction of α_1 -acid glycoprotein and α_2 -macroglobulin (1448) 403
- Guiseppe, A., see Herbaud, M.-L. (1448) 212
- Hada, T., see Ohkawa, T. (1448) 416
- Haiech, J., see Herbaud, M.-L. (1448) 212
- Haimovich, B., see Ji, P. (1448) 543
- Halevy, O., see Ben-Dov, N. (1448) 372
- Hamilton, J.A., see Ward, A.C. (1448) 70
- Hao, J., see Ju, H. (1448) 51
- Hawkins, T., see Kubista, H. (1448) 299
- Heiney, J.P., see Lamers, A.E. (1448) 519
- Heizmann, C.W., see Fritz, G. (1448) 264
- Heizmann, C.W., see Van Ginkel, P.R. (1448) 290
- Heizmann, C.W., see Ridinger, K. (1448) 254
- Herbaud, M.-L., Guiseppe, A., Denizot, F., Haiech, J. and Kilhoffer, M.-C.
Calcium signalling in *Bacillus subtilis* (1448) 212
- Hidaka, S., see Teshima, Y. (1448) 409
- Hieke, M., see Roos, W. (1448) 390
- Higashino, K., see Ohkawa, T. (1448) 416
- Hinderliter, A.K., Almeida, P.F.F., Biltonen, R.L. and Creutz, C.E.
Membrane domain formation by calcium-dependent, lipid-binding proteins: insights from the C2 motif (1448) 227
- Ho, C.-M., see Jan, C.-R. (1448) 533
- Hoogland, E., see Houston, B. (1448) 500
- Houston, B., Seawright, E., Jefferies, D., Hoogland, E., Lester, D., Whitehead, C. and Farquharson, C.
Identification and cloning of a novel phosphatase expressed at high levels in differentiating growth plate chondrocytes (1448) 500
- Hu, D.-N., see Van Ginkel, P.R. (1448) 290
- Hultberg, B., Andersson, A. and Isaksson, A.
Higher export rate of homocysteine in a human endothelial cell line than in other human cell lines (1448) 61
- Ilg, E.C., see Ridinger, K. (1448) 254
- Inan, M.S., see Giardina, C. (1448) 425
- Irinichev, A., see Ben-Dov, N. (1448) 372
- Isaksson, A., see Hultberg, B. (1448) 61
- Ivanenkov, V.V., Felici, F. and Menon, A.G.
Uptake and intracellular fate of phage display vectors in mammalian cells (1448) 450
- Ivanenkov, V.V., Felici, F. and Menon, A.G.
Targeted delivery of multivalent phage display vectors into mammalian cells (1448) 463
- Jan, C.-R., Ho, C.-M., Wu, S.-N. and Tseng, C.-J.
Multiple effects of econazole on calcium signaling: depletion of thapsigargin-sensitive calcium store, activation of extracellular calcium influx, and inhibition of capacitative calcium entry (1448) 533
- Jefferies, D., see Houston, B. (1448) 500
- Jensen, R.T., see Tapia, J.A. (1448) 486
- Jeong, S.-Y., see Ahn, S.-G. (1448) 115
- Ji, P. and Haimovich, B.
Integrin $\alpha_{IIb}\beta_3$ -mediated pp125FAK phosphorylation and platelet spreading on fibrinogen are regulated by PI 3-kinase (1448) 543
- Ju, H., Hao, J., Zhao, S. and Dixon, I.M.C.
Antiproliferative and antifibrotic effects of mimosine on adult cardiac fibroblasts (1448) 51
- Kaetzel, M.A., see King, K.L. (1448) 245
- Kerkhoff, C., Klempt, M. and Sorg, C.
Novel insights into structure and function of MRP8 (S100A8) and MRP14 (S100A9) (1448) 200
- Kilhoffer, M.-C., see Herbaud, M.-L. (1448) 212
- Kim, I.-K., see Ahn, S.-G. (1448) 115
- King, K.L., Moreira, K.M., Babcock, G.F., Wang, J., Campos, B., Kaetzel, M.A. and Dedman, J.R.
Temporal inhibition of calmodulin in the nucleus (1448) 245
- Klempt, M., see Kerkhoff, C. (1448) 200
- Kotake, Y., Sang, H., Miyajima, T. and Wallis, G.L.
Inhibition of NF- κ B, iNOS mRNA, COX2 mRNA, and COX catalytic activity by phenyl-*N-tert*-butylnitron (PBN) (1448) 77
- Krebs, J.
Calmodulin-dependent protein kinase IV: regulation of function and expression (1448) 183
- Kremensky, I., see Demirov, D. (1448) 507
- Kroneck, P.M.H., see Fritz, G. (1448) 264
- Kubista, H., Hawkins, T. and Moss, S.E.
Characterisation of calcium signalling in DT40 chicken B-cells (1448) 299
- Kurokawa, Y., see Soeda, S. (1448) 37
- Lachowicz, L., see Zylinska, L. (1448) 99
- Lamers, A.E., Heiney, J.P. and Ram, J.L.
Cloning and sequence analysis of two cDNAs encoding cyclin A and cyclin B in the zebra mussel *Dreissena polymorpha* (1448) 519
- Lardeux, B., see Guillonneau, F. (1448) 403
- Lechte, M., see Pfeuffer, J. (1448) 27
- Lee, B.-K., see Abel, M.G. (1448) 12
- Leibfritz, D., see Pfeuffer, J. (1448) 27
- Lester, D., see Houston, B. (1448) 500
- Litchfield, D.W., see Chan, A.K. (1448) 363
- Luger, T., see Slominski, A. (1448) 147
- Luk'yanov, P.A., see Odintsova, N.A. (1448) 381
- Menon, A.G., see Ivanenkov, V.V. (1448) 450, 463
- Miyajima, T., see Kotake, Y. (1448) 77
- Molchanova, V.I., see Odintsova, N.A. (1448) 381
- Monkhouse, J.L., see Ward, A.C. (1448) 70
- Moreira, K.M., see King, K.L. (1448) 245
- Moss, S.E., see Kubista, H. (1448) 299
- Moutardier, V., see Reader, S. (1448) 473
- Nabeyrat, E., see Cazals, V. (1448) 349
- Naider, F., see Abel, M.G. (1448) 12
- Niggli, F.K., see Ridinger, K. (1448) 254
- Odintsova, N.A., Belogortseva, N.I., Ermak, A.V., Molchanova, V.I. and Luk'yanov, P.A.
Adhesive and growth properties of lectin from the ascidian *Didemnum ternatanum* on cultivated marine invertebrate cells (1448) 381
- Ohkawa, T., Ueki, N., Taguchi, T., Shindo, Y., Adachi, M., Amuro, Y., Hada, T. and Higashino, K.
Stimulation of hyaluronan synthesis by tumor necrosis factor- α is mediated by the p50/p65 NF- κ B complex in MRC-5 myofibroblasts (1448) 416
- Oron, U., see Ben-Dov, N. (1448) 372
- Osterloh, D., see Spenneberg, R. (1448) 311
- Paltoo, D.N., see Canada, R.G. (1448) 85
- Paus, R., see Slominski, A. (1448) 147
- Persad, S., see Chan, A.K. (1448) 363

- Pfeuffer, J., Bröer, S., Bröer, A., Lechte, M., Flögel, U. and Leibfritz, D.
Expression of aquaporins in *Xenopus laevis* oocytes and glial cells as detected by diffusion-weighted ^1H NMR spectroscopy and photometric swelling assay (1448) 27
- Pihlavisto, M., Sjöholm, B., Scheinin, M. and Wurster, S.
Modulation of agonist binding to recombinant human α_2 -adrenoceptors by sodium ions (1448) 135
- Polans, A.S., see Van Ginkel, P.R. (1448) 290
- Poüs, C., see Guillonnet, F. (1448) 403
- Ram, J.L., see Lamers, A.E. (1448) 519
- Rao, G.N.
Differential regulation of p27^{kip1} levels and CDK activities by hypertrophic and hyperplastic agents in vascular smooth muscle cells (1448) 525
- Reader, S., Moutardier, V. and Denizau, F.
Tributyltin triggers apoptosis in trout hepatocytes: the role of Ca^{2+} , protein kinase C and proteases (1448) 473
- Rhim, H., see Ahn, S.-G. (1448) 115
- Ridgway, N.D., see Douglas, D.N. (1448) 439
- Ridinger, K., Ilg, E.C., Niggli, F.K., Heizmann, C.W. and Schäfer, B.W.
Clustered organization of S100 genes in human and mouse (1448) 254
- Rillema, J.A., see Yu, T.X. (1448) 126
- Roos, W., Dordschbal, B., Steighardt, J., Hieke, M., Weiss, D. and Saalbach, G.
A redox-dependent, G-protein-coupled phospholipase A of the plasma membrane is involved in the elicitation of alkaloid biosynthesis in *Eschscholtzia californica* (1448) 390
- Saalbach, G., see Roos, W. (1448) 390
- Saikawa, T., see Teshima, Y. (1448) 409
- Sakata, T., see Teshima, Y. (1448) 409
- Sang, H., see Kotake, Y. (1448) 77
- Sanllorenti, P.M., see García-Mata, R. (1448) 46
- Sarafian, V., see Demirov, D. (1448) 507
- Schäfer, B.W., see Ridinger, K. (1448) 254
- Scheinin, M., see Pihlavisto, M. (1448) 135
- Seawright, E., see Houston, B. (1448) 500
- Shefer, G., see Ben-Dov, N. (1448) 372
- Shimeno, H., see Soeda, S. (1448) 37
- Shindo, Y., see Ohkawa, T. (1448) 416
- Sjöholm, B., see Pihlavisto, M. (1448) 135
- Slominski, A., Botchkareva, N.V., Botchkarev, V.A., Chakraborty, A., Luger, T., Uenalan, M. and Paus, R.
Hair cycle-dependent production of ACTH in mouse skin (1448) 147
- Soeda, S., Tsunoda, T., Kurokawa, Y. and Shimeno, H.
Tumor necrosis factor- α -induced release of plasminogen activator inhibitor-1 from human umbilical vein endothelial cells: involvement of intracellular ceramide signaling event (1448) 37
- Sorci, G., Agnietti, A.L., Bianchi, R. and Donato, R.
Association of S100B with intermediate filaments and microtubules in glial cells (1448) 277
- Sorg, C., see Kerkhoff, C. (1448) 200
- Spennberg, R., Osterloh, D. and Gerke, V.
Phospholipid vesicle binding and aggregation by four novel fish annexins are differently regulated by Ca^{2+} (1448) 311
- Steighardt, J., see Roos, W. (1448) 390
- Taguchi, T., see Ohkawa, T. (1448) 416
- Takahashi, S., see Takeuchi, S. (1448) 512
- Takeuchi, S. and Takahashi, S.
A possible involvement of melanocortin 3 receptor in the regulation of adrenal gland function in the chicken (1448) 512
- Tapia, J.A., Camello, C., Jensen, R.T. and García, L.J.
EGF stimulates tyrosine phosphorylation of focal adhesion kinase (p125^{FAK}) and paxillin in rat pancreatic acini by a phospholipase C-independent process that depends on phosphatidylinositol 3-kinase, the small GTP-binding protein, p21^{rho}, and the integrity of the actin cytoskeleton (1448) 486
- Teshima, Y., Saikawa, T., Yonemochi, H., Hidaka, S., Yoshimatsu, H. and Sakata, T.
Alteration of heart uncoupling protein-2 mRNA regulated by sympathetic nerve and triiodothyronine during postnatal period in rats (1448) 409
- Thakker, R.V.
Disorders of the calcium-sensing receptor (1448) 166
- Tseng, C.-J., see Jan, C.-R. (1448) 533
- Tsunoda, T., see Soeda, S. (1448) 37
- Ueki, N., see Ohkawa, T. (1448) 416
- Uenalan, M., see Slominski, A. (1448) 147
- Van Ginkel, P.R., Gee, R.L., Walker, T.M., Hu, D.-N., Heizmann, C.W. and Polans, A.S.
The identification and differential expression of calcium-binding proteins associated with ocular melanoma (1448) 290
- Van Troys, M., Vandekerckhove, J. and Ampe, C.
Structural modules in actin-binding proteins: towards a new classification (1448) 323
- Vandekerckhove, J., see Van Troys, M. (1448) 323
- Walker, T.M., see Van Ginkel, P.R. (1448) 290
- Wallis, G.L., see Kotake, Y. (1448) 77
- Wang, J., see King, K.L. (1448) 245
- Ward, A.C., Monkhouse, J.L., Hamilton, J.A. and Csar, X.F.
Direct binding of Shc, Grb2, SHP-2 and p40 to the murine granulocyte colony-stimulating factor receptor (1448) 70
- Weiss, D., see Roos, W. (1448) 390
- Wernig, A., see Ben-Dov, N. (1448) 372
- Whitehead, C., see Houston, B. (1448) 500
- Williams, R.J.P.
Calcium: outside/inside homeostasis and signalling (1448) 153
- Wright, J.A., see Chan, A.K. (1448) 363
- Wu, S.-N., see Jan, C.-R. (1448) 533
- Wurster, S., see Pihlavisto, M. (1448) 135
- Yonemochi, H., see Teshima, Y. (1448) 409
- Yoshimatsu, H., see Teshima, Y. (1448) 409
- Yu, T.X. and Rillema, J.A.
The MEK inhibitor PD 098059 inhibits prolactin-induced Nb2 cell mitogenesis but not milk product synthesis in cultured mouse mammary tissues (1448) 126
- Zhao, X.-F. and Aplan, P.D.
SCL binds the human homologue of DRG in vivo (1448) 109
- Zhao, S., see Ju, H. (1448) 51
- Zhu, G. and Davis, T.N.
The fork head transcription factor Hcm1p participates in the regulation of *SPC110*, which encodes the calmodulin-binding protein in the yeast spindle pole body (1448) 236
- Zylinska, L., Guerini, D., Gromadzinska, E. and Lachowicz, L.
Protein kinases A and C phosphorylate purified Ca^{2+} -ATPase from rat cortex, cerebellum and hippocampus (1448) 99